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102. (Amended) A method for producing transgenic poinsettia plants, comprising the steps of:

(a) incubating poinsettia plant tissue explants that produce [epidermal] embryogenic callus on callus induction medium;

(b) [culturing reddish epidermal] subculturing embryogenic callus [on] to embryo induction medium to form embryogenic callus containing embryos;

(c)

(i) introducing an expression vector into said incubating embryogenic callus to produce transformed embryogenic callus, wherein said expression vector comprises a selectable marker gene and a second foreign gene, or

(ii) introducing two expression vectors into said incubating embryogenic callus to produce transformed embryogenic callus, wherein one of said expression vectors comprises a selectable marker gene, and wherein the second of said expression vectors comprises a second foreign gene;

(d) culturing said transformed embryogenic callus on selection medium;

(e) culturing said transformed embryogenic callus containing embryos on developmental medium;

(f) culturing said transgenic embryos on maturation medium; and

(g) recovering transgenic plants from said transgenic embryos.

103. (Amended) A method for producing transgenic poinsettia plants, comprising the steps of:

(a) incubating poinsettia plant tissue explants that produce [epidermal] embryogenic callus [in] on callus induction medium;

(b) culturing embryogenic callus produced on said callus induction medium [in] to liquid embryo induction medium;

(c) filtering the culture and culturing the filtrate in fresh liquid embryo induction medium;

(d) filtering the culture and culturing the filtrate on solid embryo induction medium;

(e) culturing embryos produced on said embryo development medium on maturation medium;

(f) culturing said embryos on callus induction medium;

(g) culturing [epidermal] embryogenic callus produced on said callus induction medium [on] to embryo induction medium to form embryogenic callus containing embryos;

(h)

(i) introducing an expression vector into said embryogenic callus to produce transformed embryogenic callus, wherein said expression vector comprises a selectable marker gene and a second foreign gene, or

(ii) introducing two expression vectors into said embryogenic callus to produce transformed embryogenic callus, wherein one of said expression vectors comprises a selectable marker gene, and wherein the second of said expression vectors comprises a second foreign gene;

(i) culturing said transformed embryogenic callus on selection medium;

(j) culturing said transformed embryogenic callus containing embryos on developmental medium;

(k) culturing said transformed embryos on maturation medium; and

(l) recovering transgenic plants from said transgenic embryos.

Please add new claims 107-109 as follows:

--107. The method of claim 101, wherein said developmental medium comprises cytokinin.